ELSEVIER

Journal of Computational and Applied Mathematics 70 (1996) 359–378

JOURNAL OF COMPUTATIONAL AND APPLIED MATHEMATICS

Master Index to Volumes 61–70

(For the sake of simplicity and uniformity, all names beginning with articles or prepositions are listed as if written as single words.)

Abd-el-Malek, M.B., see **Hanna, S.N.**	**66**		(1996) 279–291
Abdel-Malek, M.N., see **Hanna, S.N.**	**66**		(1996) 279–291
Adamchik, V., The evaluation of integrals of Bessel functions via *G*-function identities	**64**	(3)	(1995) 283–290
Aitchison, J.M. and **N.K. Upton,** Solution of constrained nonlinear equations in modelling the release of liquified gases	**67**	(1)	(1996) 1– 14
Alfaro, M., G. López and **M.L. Rezola,** Some properties of zeros of Sobolev-type orthogonal polynomials	**69**	(1)	(1996) 171–179
Alladi, K., The quintuple product identity and shifted partition functions	**68**		(1996) 3– 13
Álvarez-Nodarse, R., A.G. García and **F. Marcellán,** On the properties for modifications of classical orthogonal polynomials of discrete variables	**65**		(1995) 3– 18
Ambroladze, A. and **H. Wallin,** Approximation by repeated Padé approximants	**62**	(3)	(1995) 353–358
Amodio, P. and **F. Mazzia,** Parallel block preconditioning for the solution of boundary value methods	**69**	(2)	(1996) 191–206
Ananthakrishnaiah, U., see **Sesappa Rai, A.**	**67**	(2)	(1996) 271–276
Anderson, G., see **Ye, X.**	**61**	(1)	(1995) 105–116
Anderson, O.D., More effective time-series analysis and forecasting	**64**	(1–2)	(1995) 117–147
Andrews, G.E., Pfaff's method (II): diverse applications	**68**		(1996) 15– 23
Ang, D.D., A. Pham Ngoc Dinh and **D.N. Thanh,** An inverse Stefan problem: identification of boundary value	**66**		(1996) 75– 84
Antoniadis, C., see **Teghem, J.**	**64**	(1–2)	(1995) 91–102
Ashwin, P., K. Böhmer and **Z. Mei,** Forced symmetry breaking of homoclinic cycles in a PDE with Osymmetry	**70**	(2)	(1996) 297–310
Askey, R.A., M. Rahman and **S.K. Suslov,** On a general *q*-Fourier transformation with nonsymmetric kernels	**68**		(1996) 25– 55
Averbuch, A., see **Vozovoi, L.**	**66**		(1996) 543–555
Axelsson, O. and **M. Neytcheva,** Scalable algorithms for the solution of Navier's equations of elasticity	**63**		(1995) 149–178

Elsevier Science B.V.

Bainov, D.D., A.B. Dishliev and **I.M. Stamova,** Lipschitz quasistability of impulsive differential-difference equations with variable impulsive perturbations **70** (2) (1996) 267–277

Bainov, D.D., Z. Kamont and **E. Minchev,** Monotone iterative methods for impulsive hyperbolic differential-functional equations **70** (2) (1996) 329–347

Bainov, D.D. and **I.M. Stamova,** Uniform asymptotic stability of impulsive differential-difference equations of neutral type by Lyapunov's direct method **62** (3) (1995) 359–369

Bainov, D. and **E. Minchev,** Oscillation of the solutions of impulsive parabolic equations **69** (2) (1996) 207–214

Baker, C.T.H., see **Ford, N.J.** **66** (1996) 213–225

Baker, G.A. Jr., see **Graves-Morris, P.R.** **66** (1996) 255–265

Baratella, P. and **B. Gabutti,** Uniform approximation on unit disk of series arising in plate contact problms **62** (2) (1995) 181–196

Bartoš, M. and **Z. Kestřánek,** Numerical solution of the contact problem. Application to a simple model of the human hip joint **63** (1995) 439–447

Bavinck, H., On the zeros of certain linear combinations of Chebyshev polynomials **65** (1995) 19– 26

Berg, C., Indeterminate moment problems and the theory of entire functions **65** (1995) 27– 55

Bessis, D., Padé approximations in noise filtering **66** (1996) 85– 88

Bielawski, S.S., S.G. Mulyarchik and **A.V. Popov,** The construction of an algebraically reduced system for the acceleration of preconditioned conjugate gradients **70** (2) (1996) 189–200

Bihari, B.L. and **A. Harten,** Application of generalized wavelets: An adaptive multiresolution scheme **61** (3) (1995) 275–321

Bissu, S.K., see **Joshi, C.M.** **69** (2) (1996) 251–259

Biswas, R., see **Strawn, R.C.** **66** (1996) 471–483

Blaheta, R. and **R. Kohut,** Solution of large nonlinear systems in elastoplastic incremental analysis **63** (1995) 255–264

Böckmann, C., Curve fitting and identification of physical spectra **70** (2) (1996) 207–224

Böhmer, K., see **Ashwin, P.** **70** (2) (1996) 297–310

Böttcher, A. and **H. Wolf,** Polynomial collocation over massive sets for Toeplitz integral equations on the Bergman space **66** (1996) 89– 96

Bock, I., On Van Kárman equations for viscoelastic plates **63** (1995) 277–282

Bohl, E. and **I. Marek,** A model of amplification **63** (1995) 27– 47

Bohl, E. and **W. Boos,** Binding protein-dependent transporters: an answer of mathematics to biology **63** (1995) 11– 25

Bojanov, B., On a quadrature formula of Micchelli and Rivlin **70** (2) (1996) 349–356

Bokhari, M.A. and **M. Iqbal,** L_2-approximation of real-valued functions with interpolatory constraints **70** (2) (1996) 201–205

Boneh, S. and **V.G. Papanicolaou,** General asymptotic estimates for the Coupon Collector Problem **67** (2) (1996) 277–289

Boos, W., see **Bohl, E.** **63** (1995) 11– 25
Booth, A.S., see **Coleman, J.P.** **61** (3) (1995) 245–261
Botta, E.F.F., see **van der Ploeg, A.** **66** (1996) 515–526
Brezinski, C. and **A.C. Matos,** A derivation of extrapolation algorithms based on error estimates **66** (1996) 5– 26
Brugnano, L. and **D. Trigiante,** Convergence and stability of boundary value methods for ordinary differential equations **66** (1996) 97–109
Brunner, H. and **N. Yan,** On global superconvergence of iterated collocation solutions to linear second-kind Volterra integral equations (*Letter*) **67** (1) (1996) 185–189
Brutman, L., On the Vykhandu–Levin iterative method for numerical solution of nonlinear systems **70** (1) (1996) 51– 56
Bultheel, A., see **De Samblanx, G.** **66** (1996) 153–166
Bultheel, A., P. González-Vera and **R. Orive,** Quadrature on the half-line and two-point Padé approximants to Stieltjes functions. Part I. Algebraic aspects **65** (1995) 57– 72
Burrage, K., see **Erhel, J.** **69** (2) (1996) 303–318

Cameron, I.T., see **Xiang Jiaxiang** **62** (3) (1995) 255–266
Carpenter, A.J., Scientific computation on some mathematical problems **66** (1996) 111–122
Carstensen, C. and **T. Sakurai,** Simultaneous factorization of a polynomial by rational approximation **61** (2) (1995) 165–178
Carte, G., J. Dušek and **P. Fraunié,** Combined spectral-finite difference time discretization for periodic and quasi-periodic flows **63** (1995) 245–254
Castillo, J. and **E.M. Pedersen,** Solution adaptive direct variational grids for fluid flow calculations **67** (2) (1996) 343–370
Černý, R., see **Přikryl, P.** **63** (1995) 357–363
Cháb, V., see **Přikryl, P.** **63** (1995) 357–363
Chakrabarti, A. and **Hamsapriye,** Derivation of a general mixed interpolation formula **70** (1) (1996) 161–172
Chao, Y.A., Unifying via conformal mapping coarse-mesh neutron diffusion calculations in Cartesian and hexagonal geometries **63** (1995) 449–456
Chaudhry, M.A., N.M. Temme and **E.J.M. Veling,** Asymptotics and closed form of a generalized incomplete gamma function **67** (2) (1996) 371–379
Chen Zhong and **Fei Pusheng,** A parallel algorithm for constrained optimization problems **61** (2) (1995) 225–230
Chien, C.-S., N.-H. Lu and **Z.-L. Weng,** Conjugate gradient methods for continuation problems II **62** (2) (1995) 197–216
Christiansen, S. and **J. Saranen,** The conditioning of some numerical methods for first kind boundary integral equations **67** (1) (1996) 43– 58
Chuang, J.M. and **S.Z. Hu,** Numerical computation of Muskhelishvili's integral equation in plane elasticity **66** (1996) 123–138

Coleman, J.P. and **A.S. Booth,** The Chebyshev methods of Panovsky and Richardson as Runge-Kutta-Nyström methods — **61** (3) (1995) 245–261
Collins Jr., E.G., see **Ge, Y.** — **69** (2) (1996) 215–241
Common, A.K. and **J.H. McCabe,** The symmetric strong moment problem — **67** (2) (1996) 327–341
Connett, W.C. and **A.L. Schwartz,** Subsets of $\mathscr{R}$ which support hypergroups with polynomial characters — **65** (1995) 73– 84
Cossette, H., see **De Vylder, F.** — **64** (1–2) (1995) 189–196
Costian, C.R. and **D.C. Marinescu,** A distributed memory algorithm for 3-D FFTs — **66** (1996) 139–151
Cuyt, A., K.A. Driver and **D.S. Lubinsky,** A direct approach to convergence of multivariate, nonhomogeneous, Padé approximants — **69** (2) (1996) 353–366
Cuyt, A., K. Driver and **D.S. Lubinsky,** Nuttall–Pommerenke theorems for homogeneous Padé approximants — **67** (1) (1996) 141–146
Cyphers, C., M. Paprzycki and **A. Karageorghis,** High performance solution of partial differential equations discretized using a Chebyshev spectral collocation method — **69** (1) (1996) 71– 80

De Bruin, M.G., Preface — **65** (1995) 1
De Mey, G., see **Matthys, L.** — **69** (2) (1996) 319–329
De Roo, R., see **Van de Fliert, B.W.** — **62** (1) (1995) 1– 25
De Samblanx, G., M. Van Barel and **A. Bultheel,** Duality in vector Padé–Hermite approximation problems — **66** (1996) 153–166
De Swart, J.J.B., see **van der Houwen, P.J.** — **66** (1996) 53– 71
De Schepper, A. and **B. Heijnen,** General restrictions on tail probabilities — **64** (1–2) (1995) 177–188
De Sturler, E., Nested Krylov methods based on GCR — **67** (1) (1996) 15– 41
Deceuninck, W., see **Janssens, G.K.** — **64** (1–2) (1995) 163–176
Deif, A.S., N.P. Seif and **S.A. Hussein,** Sylvester's equation: accuracy and computational stability — **61** (1) (1995) 1– 11
Dette, H., On the minimum of the Christoffel function — **65** (1995) 85– 96
De Vries, R.W., see **Van de Fliert, B.W.** — **62** (1) (1995) 1– 25
De Vylder, F., M. Goovaerts and **H. Cossette,** Classical regression model under zero-excess assumptions — **64** (1–2) (1995) 189–196
Díaz, J.C., see **López-Marcos, M.A.** — **67** (1) (1996) 173–179
Dick, E., see **Riemslagh, K.** — **67** (1) (1996) 73– 93
Diethelm, K., Gaussian quadrature formulae of the third kind for Cauchy principal value integrals: Basic properties and error estimates — **65** (1995) 97–114
Diethelm, K., A definiteness criterion for linear functionals and its application to Cauchy principal value quadrature — **66** (1996) 167–176
Dishliev, A.B., see **Bainov, D.D.** — **70** (2) (1996) 267–277

Dombrowski, J. and **S. Pedersen,** Orthogonal polynomials, spectral measures, and absolute continuity **65** (1995) 115–124
Dostál, Z., Duality based domain decomposition with proportioning for the solution of free boundary problems **63** (1995) 203–208
Douak, K., The relation of the *d*-orthogonal polynomials to the Appell polynomials **70** (2) (1996) 279–295
Driscoll, T.A. and **L.N. Trefethen,** Pseudospectra for the wave equation with an absorbing boundary **69** (1) (1996) 125–142
Driver, K., see **Cuyt, A.** **67** (1) (1996) 141–146
Driver, K.A., see **Cuyt, A.** **69** (2) (1996) 353–366
Driver, K., Nondiagonal quadratic Hermite–Padé approximation to the exponential function **65** (1995) 125–134
Du, W.-C., see **Yang, S.-N.** **66** (1996) 557–569
Du, Q., M.D. Gunzburger and **L.S. Hou,** Analysis and finite element approximation of optimal control problems for a Ladyzhenskaya model for stationary, incompressible, viscous flows **61** (3) (1995) 323–343
Dubach, E., Artificial boundary conditions for diffusion equations: Numerical study **70** (1) (1996) 127–144
Dušek, J., see **Carte, G.** **63** (1995) 245–254
Dvořák, J., see **Nedoma, J.** **63** (1995) 411–420
Džurina, J. and **V. Šoltés,** Asymptotic analysis of ODEs **67** (2) (1996) 301–307

Ehrenmark, U.T., The numerical inversion of two classes of Kontorovich–Lebedev transform by direct quadrature **61** (1) (1995) 43– 72
Ehrich, S., Asymptotic behaviour of Stieltjes polynomials for ultraspherical weight functions **65** (1995) 135–144
Ehrich, S., A note on Peano constants of Gauss –Kronrod quadrature schemes **66** (1996) 177–183
Eichenauer-Herrmann, J., Quadratic congruential pseudorandom numbers: distribution of triples **62** (2) (1995) 239–253
Elliott, D., Three algorithms for Hadamard finite-part integrals and fractional derivatives **62** (3) (1995) 267–283
Embrechts, P., A.M. Herzberg, H.K. Kalbfleisch, W.N. Traves and **J.R. Whitla,** An introduction to wavelets with applications to Andrews' plots **64** (1–2) (1995) 41– 56
Erhel, J., K. Burrage and **B. Pohl,** Restarted GMRES preconditioned by deflation **69** (2) (1996) 303–318
Exton, H., New generating functions for Gegenbauer polynomials (*Letter*) **67** (1) (1996) 191–193

Fang, S.-C., see **Lin, C.-J.** **61** (1) (1995) 87–103
Fasino, D., Spectral properties of Hankel matrices and numerical solutions of finite moment problems **65** (1995) 145–155
Fei Pusheng, see **Chen Zhong** **61** (2) (1995) 225–230

Feinsilver, P. and **R. Schott,** Operator calculus approach to orthogonal polynomial expansions **66** (1996) 185–199
Feistauer, M., J. Felcman and **M. Lukáčová-Medvid'ová,** Combined finite element–finite volume solution of compressible flow **63** (1995) 179–199
Felcman, J., see **Feistauer, M.** **63** (1995) 179–199
Fischer, C.F., see **Stathopoulos, A.** **64** (3) (1995) 197–215
Floreanini, R. and **L. Vinet,** q-Gamma and q-beta functions in quantum algebra representation theory **68** (1996) 57– 68
Floris, P.G.A., A noncommutative discrete hypergroup associated with q-disk polynomials **68** (1996) 69– 78
Foata, D. and **D. Zeilberger,** Graphical major indices **68** (1996) 79–101
Fodor, J. and **M. Roubens,** On meaningfulness of means **64** (1–2) (1995) 103–115
Ford, J.A. and **I.A. Moghrabi,** Using function-values in multi-step quasi-Newton methods **66** (1996) 201–211
Ford, N.J. and **C.T.H. Baker,** Qualitative behaviour and stability of solutions of discretised nonlinear Volterra integral equations of convolution type **66** (1996) 213–225
Frankel, J.I., A note on the integral formulation of Kumar and Sloan **61** (3) (1995) 263–274
Frankena, J.F., Störmer–Cowell: straight, summed and split. An overview **62** (2) (1995) 129–154
Fraunié, P., see **Carte, G.** **63** (1995) 245–254
Frolov, A. and **S. Řízek,** Model of neurocontrol of redundant systems **63** (1995) 465–473
Fukushima, M., see **Machida, N.** **62** (2) (1995) 217–227

Gabutti, B., see **Baratella, P.** **62** (2) (1995) 181–196
Gallopoulos, E., see **Simoncini, V.** **66** (1996) 457–469
García, A.G., see **Álvarez-Nodarse, R.** **65** (1995) 3– 18
Gawęcki, A. and **B. Janińska,** Computer analysis of slackened systems under variable loads **63** (1995) 325–332
Gawęcki, A. and **M.S. Kuczma,** Elastic-plastic unilateral contact problems for slackened systems **63** (1995) 313–323
Ge, Y., L.T. Watson and **E.G. Collins Jr.,** A comparison of homotopies for alternative formulations of the L^2 optimal model order reduction problem **69** (2) (1996) 215–241
Genton, M.G. and **P.J. Rousseeuw,** The charge-of-variance function of M-estimators of scale under general contamination **64** (1–2) (1995) 69– 80
George, K., see **Mohanty, R.K.** **70** (2) (1996) 231–243
Godoy, E., see **Ronveaux, A.** **62** (1) (1995) 67– 73
González-Pinto, S., J.I. Montijano and **L. Rández,** Improving the efficiency of the iterative schemes for implicit Runge–Kutta methods **66** (1996) 227–238
González-Vera, P., see **Bultheel, A.** **65** (1995) 57– 72

Goovaerts, M., see **De Vylder, F.** **64** (1–2) (1995) 189–196
Goovaerts, M., L. Wuytack and **R. Piessens,** Preface **64** (1–2) (1995) 1
Graça, M.M., see **Lima, P.M.** **61** (2) (1995) 139–164
Graça, M.M., The sign regularity of the auxiliary family $g_i(x) = x^{\alpha}{}_i(-\ln x)^{\beta}{}_i$ in convergence acceleration processes using the E-algorithm **67** (2) (1996) 237–253
Grapsa, T.N. and **M.N. Vrahatis,** A dimension-reducing method for unconstrained optimization **66** (1996) 239–253
Graves-Morris, P.R., G.A. Baker Jr. and **C.F. Woodcock,** Cayley's theorem and its application in the theory of vector Padé approximants **66** (1996) 255–265
Griebel, M. and **T. Neunhoeffer,** Parallel point- and domain-oriented multilevel methods for elliptic PDE's on workstation networks **66** (1996) 267–278
Grünbaum, F.A. and **L. Haine,** The q-version of a theorem of Bochner **68** (1996) 103–114
Gunzburger, M.D., see **Du, Q.** **61** (3) (1995) 323–343
Gupta, D.P., M.E.H. Ismail and **D.R. Masson,** Contiguous relations, basic hypergeometric functions, and orthogonal polynomials. III. Associated continuous dual q-Hahn polynomials **68** (1996) 115–149
Gupta, D.P. and **D.R. Masson,** Contiguous relations, continued fractions and orthogonality: an ${}_8\phi_7$ model **65** (1995) 157–164
Gustafson, R.A. and **C. Krattenthaler,** Heine transformations for a new kind of basic hypergeometric series in $U(n)$ **68** (1996) 151–158

Hadjidimos, A. and **M. Neumann,** Superior convergence domains for the p-cyclic SSOR majorizer **62** (1) (1995) 27– 40
Haine, L., see **Grünbaum, F.A.** **68** (1996) 103–114
Hamsapriye, see **Chakrabarti, A.** **70** (1) (1996) 161–172
Han Guoqiang, Extrapolation of a discrete collocation-type method of Hammerstein equations **61** (1) (1995) 73– 86
Han, G.-N., Une démonstration "vérificative" d'un résultat de Foata–Zeilberger sur les relations bipartitionnaires **68** (1996) 159–162
Han, W. and **J. Zhou,** Quantitative justification of simplifications in some heat conduction problems **62** (1) (1995) 75– 88
Han, S.S., K.H. Kwon and **L.L. Littlejohn,** Zeros of orthogonal polynomials in certain discrete Sobolev spaces **67** (2) (1996) 309–325
Hanna, S.N., M.N. Abdel-Malek and **M.B. Abd-el-Malek,** Supercritical free-surface flow over a trapezoidal obstacle **66** (1996) 279–291
Harten, A., see **Bihari, B.L.** **61** (3) (1995) 275–321
Heijnen, B., see **De Schepper, A.** **64** (1–2) (1995) 177–188
Heijnen, B. and **G.K. Janssens,** Bounds for the mean system size in M/G/1/K-queues **64** (1–2) (1995) 149–161

Heise, B., Nonlinear simulation of electromagnetic fields with domain decomposition methods on MIMD parallel computers **63** (1995) 373–381
Herzberg, A.M., see **Embrechts, P.** **64** (1–2) (1995) 41– 56
Holeček, M., Model of critical behaviour in elasticity **63** (1995) 271–275
Homeier, H.H.H., Analytical and numerical studies of the convergence behavior of the $\mathcal{J}$ transformation **69** (1) (1996) 81–112
Hossain, Md.B., see **Sen, R.N.** **70** (1) (1996) 33– 50
Hou, L.S., see **Du, Q.** **61** (3) (1995) 323–343
Hu, S.Z., see **Chuang, J.M.** **66** (1996) 123–138
Hussein, S.A., see **Deif, A.S.** **61** (1) (1995) 1– 11

Ibaraki, T., see **Machida, N.** **62** (2) (1995) 217–227
Ifantis, E.K. and **P.D. Siafarikas,** An alternative proof of a theorem of Stieltjes and related results **65** (1995) 165–172
Iqbal, M., see **Bokhari, M.A.** **70** (2) (1996) 201–205
Ismail, M.E.H., see **Gupta, D.P.** **68** (1996) 115–149
Ismail, M.E.H. and **D.R. Masson,** Preface **68** (1996) 1– 2
Ismail, M.E.H., M. Rahman and **R. Zhang,** Diagonalization of certain integral operators II **68** (1996) 163–196
Israeli, M., see **Vozovoi, L.** **66** (1996) 543–555

Jain, M.K., see **Mohanty, R.K.** **70** (1) (1996) 15– 32
Jain, M.K., see **Mohanty, R.K.** **70** (2) (1996) 231–243
Janińska, B., see **Gawęcki, A.** **63** (1995) 325–332
Janovský, V., S. Shaw, M.K. Warby and **J.R. Whiteman,** Numerical methods for treating problems of viscoelastic isotropic solid deformation **63** (1995) 91–107
Janssen, H., see **Van Dooren, R.** **66** (1996) 527–541
Janssen, H. and **R. Van Dooren,** Application of high-order difference methods for the study of period doubling bifurcations in nonlinear oscillators **66** (1996) 293–313
Janssens, G.K., see **Heijnen, B.** **64** (1–2) (1995) 149–161
Janssens, G.K., W. Deceuninck and **A. Van Breedam,** Opportunities of robust regression for variance reduction in discrete event simulation **64** (1–2) (1995) 163–176
Jersák, J., Numerical simulations in quantum field theory of elementary particles **63** (1995) 49– 56
Jin, X.-Q., Band Toeplitz preconditioners for block Toeplitz systems **70** (2) (1996) 225–230
Jin, X.-Q., Fast iterative solvers for symmetric Toeplitz systems – A survey and an extension **66** (1996) 315–321
Joshi, C.M. and **S.K. Bissu,** Inequalities for some special functions **69** (2) (1996) 251–259
Jumarhon, B. and **S. McKee,** Product integration methods for solving a system of nonlinear Volterra integral equations **69** (2) (1996) 285–301

Jung, I.H., K.H. Kwon, D.W. Lee and **L.L. Littlejohn,** Differential equations and Sobolev orthogonality **65** (1995) 173–180

Kalbfleisch, H.K., see **Embrechts, P.** **64** (1–2) (1995) 41– 56
Kaliaguine, V. and **A. Ronveaux,** On a system of "classical" polynomials of simultaneous orthogonality **67** (2) (1996) 207–217
Kaliaguine, V., The operator moment problem, vector continued fractions and an explicit form of the Favard theorem for vector orthogonal polynomials **65** (1995) 181–193
Kalkreuter, T., Multigrid methods for propagators in lattice gauge theories **63** (1995) 57– 68
Kalnins, E.G. and **W. Miller Jr.,** A note on tensor products of q-algebra representations and orthogonal polynomials **68** (1996) 197–207
Kamont, Z., see **Bainov, D.D.** **70** (2) (1996) 329–347
Karageorghis, A., see **Cyphers, C.** **69** (1) (1996) 71– 80
Kaufman, L., see **Rousseeuw, P.J.** **64** (1–2) (1995) 81– 90
Kaukič, see **Kompiš, V.** **63** (1995) 265–269
Kestřánek, Z., see **Bartoš, M.** **63** (1995) 439–447
Kijima, M. and **E.A. van Doorn,** Weighted sums of orthogonal polynomials with positive zeros **65** (1995) 195–206
Klein, A. and **G. Mélard,** Computation of the Fisher information matrix for time series models **64** (1–2) (1995) 57– 68
Klempous, R., J. Kotowski and **E. Szlachcic,** Interactive procedures in large-scale two-dimensional cutting stock problems **66** (1996) 323–331
Kölbig, K.S. and **W. Strampp,** Some infinite integrals with powers of logarithms and the complete Bell polynomials **69** (1) (1996) 39– 47
Kölbig, K.S., An infinite integral of Bessel functions (*Letter*) **67** (1) (1996) 181–183
Kölbig, K.S., Chebyshev coefficients for the Clausen function $\mathrm{Cl}_2(x)$ (*Letter*) **64** (3) (1995) 295–297
Kölbig, K.S., Two infinite integrals of products of modified Bessel functions and powers of logarithms **62** (1) (1995) 41– 65
Kobza, J., Computing local parameters of biquartic interpolatory splines **63** (1995) 229–236
Koelink, H.T., Yet another basic analogue of Graf's addition formula **68** (1996) 209–220
Kohut, R., see **Blaheta, R.** **63** (1995) 255–264
Kompiš, V., M. Kaukič and **M. Žmindák,** Modelling of local effects by hybrid-displacement FE **63** (1995) 265–269
Korzeniowski, A., On computer simulation of Feynman–Kac path-integrals **66** (1996) 333–336
Kotowski, J., see **Klempous, R.** **66** (1996) 323–331
Koukal, S. and **M. Křížek,** Curved affine quadratic finite elements **63** (1995) 333–339
Krattenthaler, C., see **Gustafson, R.A.** **68** (1996) 151–158
Kress, R., On the numerical solution of a hypersingular integral equation in scattering theory **61** (3) (1995) 345–360

Křen, J., A spatial problem of liquid–shell interaction **63** (1995) 301–306
Křížek, M., see **Koukal, S.** **63** (1995) 333–339
Křížek, M., Numerical experience with the three-body problem **63** (1995) 403–409
Křížková, J. and **P. Vaněk**, Domain decomposition like technique with H/h-independent rate of convergence **63** (1995) 215–220
Krzyworzcka, S., Extension of the Lanczos and CGS methods to systems of nonlinear equations **69** (1) (1996) 181–190
Kuczma, M.S., see **Gawęcki, A.** **63** (1995) 313–323
Kuijlaars, A.B.J., Chebyshev-type quadrature and zeros of Faber polynomials **62** (2) (1995) 155–179
Kuijlaars, A.B.J., Chebyshev quadrature for measures with a strong singularity **65** (1995) 207–214
Kwon K.H., see **Han, S.S.** **67** (2) (1996) 309–325
Kwon, K.H., see **Jung, I.H.** **65** (1995) 173–180

Lahtinen, A., On the choice of the initial value of a quadratic spline in positive interpolation **69** (1) (1996) 13– 25
Lambert, H., see **Matthys, L.** **69** (2) (1996) 319–329
Laurie, D.P., Periodizing transformations for numerical integration **66** (1996) 337–344
Lee, D.W., see **Jung, I.H.** **65** (1995) 173–180
Lether, F.G., Rational approximation formulas for computing the positive zeros of $J_0(x)$ (*Letter*) **67** (1) (1996) 167–172
Levin, D., Fast integration of rapidly oscillatory functions **67** (1) (1996) 95–101
Lewanowicz, S., Results on the associated classical orthogonal polynomials **65** (1995) 215–231
Lewanowicz, S., Second-order recurrence relation for the linearization coefficients of the classical orthogonal polynomials **69** (1) (1996) 159–170
Li, J.-L., On the growth of meromorphic functions defined by quasi-regular c-fractions **69** (2) (1996) 367–377
Lima, P.M., Numerical methods and asymptotic error expansions for the Emden–Fowler equations **70** (2) (1996) 245–266
Lima, P.M. and **M.M. Graça**, Convergence acceleration for boundary value problems with singularities using the E-algorithm **61** (2) (1995) 139–164
Lin, C.-J., E.K. Yang, S.-C. Fang and **S.-Y. Wu**, Implementation of an inexact approach to solving linear semi-infinite programming problems **61** (1) (1995) 87–103
Lissens, G., Electricity systems analyses with EPLAN-PULSE, a midterm model for the evaluation of electricity production **64** (1–2) (1995) 21– 40
Littlejohn, L.L., see **Han, S.S.** **67** (2) (1996) 309–325
Littlejohn, L.L., see **Jung, I.H.** **65** (1995) 173–180
Litvinchev, I.S., A two-level decomposition–aggregation approach for large-scale optimal control problems **61** (2) (1995) 117–137
López, G., see **Alfaro, M.** **69** (1) (1996) 171–179

López-Marcos, M.A., J.M. Sanz-Serna and **J.C. Díaz,** Are Gauss–Legendre methods useful in molecular dynamics? (*Letter*) **67** (1) (1996) 173–179
Lobanov, Yu.Yu., R.R. Shahbagian and **E.P. Zhidkov,** Computation of multiple functional integrals in quantum physics **70** (1) (1996) 145–160
Lorentzen, L., A convergence question inspired by Stieltjes and by value sets in continued fraction theory **65** (1995) 233–251
Lovišek, J., Optimal control in coefficients of boundary value problems with a unilateral inner obstacle **63** (1995) 283–290
Lowe, B.D. and **W. Rundell,** The determination of a coefficient in an elliptic equation from average flux data **70** (1) (1996) 173–187
Lozier, D.W., Software needs in special functions **66** (1996) 345–358
Lu, N.-H., see **Chien, C.-S.** **62** (2) (1995) 197–216
Lu, H., Matrix compensation and diagonal compensation **63** (1995) 237–244
Lubinsky, D.S., see **Cuyt, A.** **69** (2) (1996) 353–366
Lubinsky, D.S., see **Cuyt, A.** **67** (1) (1996) 141–146
Lubuma, J.M.-S. and **S. Nicaise,** Dirichlet problems in polyhedral domains II: Approximation by FEM and BEM **61** (1) (1995) 13– 27
Lucas, S.K. and **H.A. Stone,** Evaluating infinite integrals involving Bessel functions of arbitrary order **64** (3) (1995) 217–231
Lucas, S.K., Evaluating infinite integrals involving products of Bessel functions of arbitrary order **64** (3) (1995) 269–282
Lukáčová-Medvid'ová, M., see **Feistauer, M.** **63** (1995) 179–199

Machida, N., M. Fukushima and **T. Ibaraki,** A multisplitting method for symmetric linear complementarity problems **62** (2) (1995) 217–227
Magnus, A.P., Special nonuniform lattice (*snul*) orthogonal polynomials on discrete dense sets of points **65** (1995) 253–265
Maitre, J.-F. and **O. Pourquier,** About the conditioning of matrices in the *p*-version of the finite element method for second order elliptic problems **63** (1995) 341–348
Manni, C., C^1 comonotone Hermite interpolation via parametric cubics **69** (1) (1996) 143–157
Marcellán, F., see **Álvarez-Nodarse, R.** **65** (1995) 3– 18
Marcellán, F., J.C. Petronilho, T.E. Pérez and **M.A. Piñar,** What is beyond coherent pairs of orthogonal polynomials? **65** (1995) 267–277
Marek, I., see **Bohl, E.** **63** (1995) 27– 47
Marek, I., An introduction of Professor Owe Axelsson and Professor Miloš Zlámal **63** (1995) 5– 8
Marin, M., Some basic theorems in elastostatics of micropolar materials with voids **70** (1) (1996) 115–126
Marinescu, D.C., see **Costian, C.R.** **66** (1996) 139–151
Marušić, M. and **M. Rogina,** Sharp error bounds for interpolating splines in tension **61** (2) (1995) 205–223

Maryška, J., M. Rozložník and **M. Tůma,** Mixed-hybrid finite element approximation of the potential fluid flow problem — **63** (1995) 383–392
Masson, D.R., see **Gupta, D.P.** — **65** (1995) 157–164
Masson, D.R., see **Gupta, D.P.** — **68** (1996) 115–149
Masson, D.R., see **Ismail, M.E.H.** — **68** (1996) 1– 2
Mastroianni, G., Some weighted polynomial inequalities — **65** (1995) 279–292
Mastronardi, N. and **D. Occorsio,** Some numerical algorithms to evaluate Hadamard finite-part integrals — **70** (1) (1996) 75– 93
Matjila, D.M., Bounds for the weighted Lebesgue functions for Freud weights on a larger interval — **65** (1995) 293–298
Matos, A.C., see **Brezinski, C.** — **66** (1996) 5– 26
Matthys, L., H. Lambert and **G. De Mey,** A recursive construction of particular solutions to a system of coupled linear partial differential equations with polynomial source term — **69** (2) (1996) 319–329
Mazzia, F., see **Amodio, P.** — **69** (2) (1996) 191–206
McCabe, J.H., see **Common, A.K.** — **67** (2) (1996) 327–341
McKee, S., see **Jumarhon, B.** — **69** (2) (1996) 285–301
McLean, W., V. Thomée and **L.B. Wahlbin,** Discretization with variable time steps of an evolution equation with a positive-type memory term — **69** (1) (1996) 49– 69
Mélard, G., see **Klein, A.** — **64** (1–2) (1995) 57– 68
Meddahi, S., J. Valdés, O. Menéndez and **P. Pérez,** On the coupling of boundary integral and mixed finite element methods — **69** (1) (1996) 113–124
Medina, R., Asymptotic properties of solutions of nonlinear difference equations — **70** (1) (1996) 57– 66
Medina, R., Asymptotic behavior of the solutions of second-order difference equations — **64** (3) (1995) 233–246
Medrano, A., P. Myers, H.M. Stark and **A. Terras,** Finite analogues of Euclidean space — **68** (1996) 221–238
Mei, Z., see **Ashwin, P.** — **70** (2) (1996) 297–310
Menéndez, O., see **Meddahi, S.** — **69** (1) (1996) 113–124
Mignolet, M.P., Matrix polynomials orthogonal on the unit circle and accuracy of autoregressive models — **62** (2) (1995) 229–238
Miller, W. Jr., see **Kalnins, E.G.** — **68** (1996) 197–207
Milne, S.C. and **J.W. Newcomb,** $U(n)$ very-well-poised ${}_{10}\phi_9$ transformations — **68** (1996) 239–285
Minchev, E., see **Bainov, D.** — **69** (2) (1996) 207–214
Minchev, E., see **Bainov, D.D.** — **70** (2) (1996) 329–347
Mitsou, G.V., see **Thomas, R.M.** — **67** (2) (1996) 255–270
Moghrabi, I.A., see **Ford, J.A.** — **66** (1996) 201–211
Mohanty, R.K. and **M.K. Jain,** High accuracy difference schemes for the system of two space nonlinear parabolic differential equations with mixed derivatives and variable coefficients — **70** (1) (1996) 15– 32

Mohanty, R.K., M.K. Jain and **K. George,** High order difference schemes for the system of two space second order nonlinear hyperbolic equations with variable coefficients **70** (2) (1996) 231–243
Monk, P. and **S. Zhang,** Multigrid computation of vector potentials **62** (3) (1995) 301–320
Montijano, J.I., see **González-Pinto, S.** **66** (1996) 227–238
Morandi Cecchi, M., M. Redivo-Zaglia and **G. Rasso,** Extrapolation methods for hyperbolic systems with relaxation **66** (1996) 359–375
Moszkowicz, P., J. Pousin and **F. Sanchez,** Diffusion and dissolution in a reactive porous medium: Mathematical modelling and numerical simulations **66** (1996) 377–389
Mühlbach, G., On Hermite interpolation by Cauchy–Vandermonde systems: the Lagrange formula, the adjoint and the inverse of a Cauchy–Vandermonde matrix **67** (1) (1996) 147–159
Muldoon, M.E., Electrostatics and zeros of Bessel functions **65** (1995) 299–308
Mulyarchik, S.G., see **Bielawski, S.S.** **70** (2) (1996) 189–200
Myers, P., see **Medrano, A.** **68** (1996) 221–238

Nedoma, J., Preface **63** (1995) 1– 3
Nedoma, J. and **J. Dvořák,** On the FEM solution of a coupled contact–two-phase Stefan problem in thermo-elasticity. Coercive case **63** (1995) 411–420
Nedoma, J. and **J. Stehlík,** Mathematical simulation of osteotomy. Numerical analysis and results **63** (1995) 421–438
Nedoma, J., Nonlinear analysis of the generalized thermo-magnetodynamic problem **63** (1995) 393–402
Neumann, M., see **Hadjidimos, A.** **62** (1) (1995) 27– 40
Neunhoeffer, T., see **Griebel, M.** **66** (1996) 267–278
Newcomb, J.W., see **Milne, S.C.** **68** (1996) 239–285
Neytcheva, M., see **Axelsson, O.** **63** (1995) 149–178
Nicaise, S., see **Lubuma, J.M.-S.** **61** (1) (1995) 13– 27
Njåstad, O., Extremal solutions of the strong Stieltjes moment problem **65** (1995) 309–318

Occorsio, D., see **Mastronardi, N.** **70** (1) (1996) 75– 93
Orive, R., see **Bultheel, A.** **65** (1995) 57– 72
Osada, N., Vector sequence transformations for the acceleration of logarithmic convergence **66** (1996) 391–400
Owren, B., Stability of Runge–Kutta methods used in modular integration **62** (1) (1995) 89–101

Pan, K., Extensions of Szegő's theory of rational functions orthogonal on the unit circle **62** (3) (1995) 321–331
Pan, K., Convergence of orthogonal rational functions outside of the unit circle **69** (2) (1996) 345–351

Panagiotopoulos, P.D., Modelling of nonconvex nonsmooth energy problems. Dynamic hemivariational inequalities with impact effects **63** (1995) 123–138
Panorska, A.K., Generalized stable models for financial asset returns **70** (1) (1996) 111–114
Papageorgiou, G. and **Ch. Tsitouras,** Continuous Runge–Kutta (–Nyström) methods with reduced phase-errors **69** (1) (1996) 1– 11
Papanicolaou, V.G., see **Boneh, S.** **67** (2) (1996) 277–289
Paprzycki, M., see **Cyphers, C.** **69** (1) (1996) 71– 80
Parks, H.R. and **J.T. Pitts,** The least-gradient method for computing area minimizing hypersurfaces spanning arbitrary boundaries **66** (1996) 401–409
Pedersen, E.M., see **Castillo, J.** **67** (2) (1996) 343–370
Pedersen, S., see **Dombrowski, J.** **65** (1995) 115–124
Peherstorfer, F. and **R. Steinbauer,** Characterization of orthogonal polynomials with respect to a functional **65** (1995) 339–355
Peherstorfer, F., Stieltjes polynomials and functions of the second kind **65** (1995) 319–338
Pérez, T.E., see **Marcellán, F.** **65** (1995) 267–277
Pérez, P., see **Meddahi, S.** **69** (1) (1996) 113–124
Petković, M.S. and **S. Tričković,** On zero-finding methods of the fourth order (*Letter*) **64** (3) (1995) 291–294
Petronilho, J.C., see **Marcellán, F.** **65** (1995) 267–277
Pham Ngoc Dinh, A., see **Ang, D.D.** **66** (1996) 75– 84
Piessens, R., see **Goovaerts, M.** **64** (1–2) (1995) 1
Piñar, M.A., see **Marcellán, F.** **65** (1995) 267–277
Pirlot, M., see **Teghem, J.** **64** (1–2) (1995) 91–102
Pitts, J.T., see **Parks, H.R.** **66** (1996) 401–409
Pohl, B., see **Erhel, J.** **69** (2) (1996) 303–318
Popkov, Yu.S., Multiplicative algorithms for determining positive solutions of nonlinear equations **69** (1) (1996) 27– 37
Popov, A.V., see **Bielawski, S.S.** **70** (2) (1996) 189–200
Posch, R., see **Posch, K.C.** **66** (1996) 411–419
Posch, K.C. and **R. Posch,** Division in residue number systems involving length indicators **66** (1996) 411–419
Pourquier, O., see **Maitre, J.-F.** **63** (1995) 341–348
Pousin, J., see **Moszkowicz, P.** **66** (1996) 377–389
Přikryl, P., V. Cháb and **R. Černý,** Computational modeling of solid-state reactions in the Ni–Si systems induced by pulsed lasers **63** (1995) 357–363
Prévost, M., A new proof of the irrationality of $\zeta(2)$ and $\zeta(3)$ using Padé approximants **67** (2) (1996) 219–235
Procházka, P., Optimal eigenstress fields in layered structures **63** (1995) 475–480

Rández, L., see **González-Pinto, S.** **66** (1996) 227–238
Radoux, C., Some arithmetical properties of Apéry numbers **64** (1–2) (1995) 11– 19

Rahman, M., see **Askey, R.A.**	**68**		(1996)	25– 55
Rahman, M., see **Ismail, M.E.H.**	**68**		(1996)	163–196
Rahman, M., Some generating functions for the associated Askey–Wilson polynomials	**68**		(1996)	287–296
Raviart, P.-A. and **E. Sonnendrücker,** Approximate models for the Maxwell equations	**63**		(1995)	69– 81
Redivo-Zaglia, M., see **Morandi Cecchi, M.**	**66**		(1996)	359–375
Regińska, T., Sideways heat equation and wavelets	**63**		(1995)	209–214
Rezola, M.L., see **Alfaro, M.**	**69**	(1)	(1996)	171–179
Riemslagh, K. and **E. Dick,** A multigrid method with unstructured adaptive grids for steady Euler equations	**67**	(1)	(1996)	73– 93
Řízek, S., see **Frolov, A.**	**63**		(1995)	465–473
Roberts, D.E., On the convergence of rows of vector Padé approximants	**70**	(1)	(1996)	95–109
Rogina, M., see **Marušić, M.**	**61**	(2)	(1995)	205–223
Ronveaux, A., see **Kaliaguine, V.**	**67**	(2)	(1996)	207–217
Ronveaux, A., A. Zarzo and **E. Godoy,** Recurrence relations for connection coefficients between two families of orthogonal polynomials	**62**	(1)	(1995)	67– 73
Rosenberg, J., Variational formulation of the problems of mechanics and its matrix analogy	**63**		(1995)	307–311
Rosler, M., Trigonometric convolution structures on $\mathbb{Z}$ derived from Jacobi polynomials	**65**		(1995)	357–368
Roubens, M., see **Fodor, J.**	**64**	(1–2)	(1995)	103–115
Rousseeuw, P.J., see **Genton, M.G.**	**64**	(1–2)	(1995)	69– 80
Rousseeuw, P.J., E. Trauwaert and **L. Kaufman,** Fuzzy clustering with high contrast	**64**	(1–2)	(1995)	81– 90
Rovder, J., On monotone solution of the third-order differential equation	**66**		(1996)	421–432
Rozložńk, M., see **Maryška, J.**	**63**		(1995)	383–392
Rundell, W., see **Lowe, B.D.**	**70**	(1)	(1996)	173–187
Russo, G., see **Morandi Cecchi, M.**	**66**		(1996)	359–375
Saad, Y., see **Stathopoulos, A.**	**64**	(3)	(1995)	197–215
Sablonnière, P., Quasi-interpolants associated with H-splines on a three-direction mesh	**66**		(1996)	433–442
Sablonnière, P., Comparison of four nonlinear transforms on some classes of logarithmic fixed point sequences	**62**	(1)	(1995)	103–128
Sacco, R., Exponentially fitted shape functions for advection-dominated flow problems in two dimensions (*Letter*)	**67**	(1)	(1996)	161–165
Sakurai, T., see **Carstensen, C.**	**61**	(2)	(1995)	165–178
Sanchez, F., see **Moszkowicz, P.**	**66**		(1996)	377–389
Sanz-Serna, J.M., see **López-Marcos, M.A.**	**67**	(1)	(1996)	173–179
Saranen, J., see **Christiansen, S.**	**67**	(1)	(1996)	43– 58

Saridakis, Y.G., C.G. Sifniotopoulos and **D.A. Sotiropoulos,** Finite element collocation approximation of the characteristic exponent in BVPs with periodic coefficients	**70**	(1) (1996)	1– 14
Savithri, S., see **Sivakumar, T.R.**	**67**	(2) (1996)	291–299
Scapolla, T., Avoiding locking in Reissner–Mindlin plates with high-order hierarchic bubble plus finite elements	**63**	(1995)	291–299
Schaefer, M.J., Verification of constrained minima	**67**	(2) (1996)	195–205
Schott, R., see **Feinsilver, P.**	**66**	(1996)	185–199
Schwartz, A.L., see **Connett, W.C.**	**65**	(1995)	73– 84
Segeth, K., Grid adjustment for parabolic systems based on a posteriori error estimates	**63**	(1995)	349–355
Seif, N.P., see **Deif, A.S.**	**61**	(1) (1995)	1– 11
Sen, R.N. and **Md.B. Hossain,** Finite difference methods for certain singular two-point boundary value problems	**70**	(1) (1996)	33– 50
Sesappa Rai, A. and **U. Ananthakrishnaiah,** Additive parameters methods for the numerical integration of $y = f(t, y, y')$	**67**	(2) (1996)	271–276
Shahbagian, R.R., see **Lobanov, Yu.Yu.**	**70**	(1) (1996)	145–160
Shampine, L.F. and **A. Witt,** Control of local error stabilizes integrations	**62**	(3) (1995)	333–351
Shaw, S., see **Janovský, V.**	**63**	(1995)	91–107
Shenton, L.R. and **H.D. Vinod,** Closed forms for asymptotic bias and variance in autoregressive models with unit roots	**61**	(2) (1995)	231–243
Siafarikas, P.D., see **Ifantis, E.K.**	**65**	(1995)	165–172
Sifniotopoulos, C.G., see **Saridakis, Y.G.**	**70**	(1) (1996)	1– 14
Simeon, B., On the numerical solution of a wheel suspension benchmark problem	**66**	(1996)	443–456
Simion, R. and **D. Stanton,** Octabasic Laguerre polynomials and permutation statistics	**68**	(1996)	297–329
Simoncini, V. and **E. Gallopoulos,** A hybrid block GMRES method for nonsymmetric systems with multiple right-hand sides	**66**	(1996)	457–469
Simos, T.E., see **Thomas, R.M.**	**67**	(2) (1996)	255–270
Sinap, A. and **W. Van Assche,** Orthogonal matrix polynomials and applications	**66**	(1996)	27– 52
Sinap, A., Gaussian quadrature for matrix valued functions on the real line	**65**	(1995)	369–385
Sivakumar, T.R. and **S. Savithri,** A new nonlinear integration formula for ODEs	**67**	(2) (1996)	291–299
Smiley, M.W., A finite element method for computing the bifurcation function for semilinear elliptic BVPs	**70**	(2) (1996)	311–327
Šoltés, V., see **Džurina, J.**	**67**	(2) (1996)	301–307
Sommeijer, B.P., see **van der Houwen, P.J.**	**66**	(1996)	53– 71
Sonnendrücker, E., see **Raviart, P.-A.**	**63**	(1995)	69– 81
Sotiropoulos, D.A., see **Saridakis, Y.G.**	**70**	(1) (1996)	1– 14
Stamova, I.M., see **Bainov, D.D.**	**70**	(2) (1996)	267–277

Stamova, I.M., see **Bainov, D.D.** **62** (3) (1995) 359–369
Stanton, D., see **Simion, R.** **68** (1996) 297–329
Stark, H.M., see **Medrano, A.** **68** (1996) 221–238
Stathopoulos, A., Y. Saad and **C.F. Fischer,** Robust preconditioning of large, sparse, symmetric eigenvalue problems **64** (3) (1995) 197–215
Stehlík, J., see **Nedoma, J.** **63** (1995) 421–438
Steinbauer, R., see **Peherstorfer, F.** **65** (1995) 339–355
Stenberg, R., On some techniques for approximating boundary conditions in the finite element method **63** (1995) 139–148
Stolan, J.A., An improved Šiljak's algorithm for solving polynomial equations converges quadratically to multiple zeros **64** (3) (1995) 247–268
Stone, H.A., see **Lucas, S.K.** **64** (3) (1995) 217–231
Strampp, W., see **Kölbig, K.S.** **69** (1) (1996) 39– 47
Strawn, R.C. and **R. Biswas,** Numerical simulations of helicopter aerodynamics and acoustics **66** (1996) 471–483
Struckmeier, J., Fast generation of low-discrepancy sequences **61** (1) (1995) 29– 41
Štuller, J., Ordered modified Gram–Schmidt orthogonalization revised **63** (1995) 221–227
Stynes, M., Finite volume methods for convection–diffusion problems **63** (1995) 83– 90
Styś, T., $O(\tau^2 + h^4)$ finite difference scheme for decoupled system of two quasilinear parabolic equations **66** (1996) 485–496
Suslov, S.K., see **Askey, R.A.** **68** (1996) 25– 55
Swann, H., Error estimates using the cell discretization method for some parabolic problems **66** (1996) 497–514
Szafraniec, F.H., A method of localizing the spectra of sequences of orthogonal polynomials **65** (1995) 387–394
Szlachcic, E., see **Klempous, R.** **66** (1996) 323–331

Teghem, J., M. Pirlot and **C. Antoniadis,** Embedding of linear programming in a simulated annealing algorithm for solving a mixed integer production planning problem **64** (1–2) (1995) 91–102
Temme, N.M., see **Chaudhry, M.A.** **67** (2) (1996) 371–379
Temme, N.M., Uniform asymptotic expansions of integrals: a selection of problems **65** (1995) 395–417
Terras, A., see **Medrano, A.** **68** (1996) 221–238
Thanh, D.N., see **Ang, D.D.** **66** (1996) 75– 84
Thomas, R.M., T.E. Simos and **G.V. Mitsou,** A family of Numerov-type exponentially fitted predictor–corrector methods for the numerical integration of the radial Schrödinger equation **67** (2) (1996) 255–270
Thomée, V., see **McLean, W.** **69** (1) (1996) 49– 69
Tokarzewski, S., Two-point Padé approximants for the expansions of Stieltjes functions in real domain **67** (1) (1996) 59– 72
Trauwaert, E., see **Rousseeuw, P.J.** **64** (1–2) (1995) 81– 90

Traves, W.N., see **Embrechts, P.** **64** (1–2) (1995) 41– 56
Trefethen, L.N., see **Driscoll, T.A.** **69** (1) (1996) 125–142
Tričković, S., see **Petković, M.S.** **64** (3) (1995) 291–294
Trigiante, D., see **Brugnano, L.** **66** (1996) 97–109
Tsao, M., A measure of accuracy for quadrature methods for Fredholm equations of the first kind **69** (2) (1996) 243–249
Tsitouras, Ch., see **Papageorgiou, G.** **69** (1) (1996) 1– 11
Tůma, M., see **Maryška, J.** **63** (1995) 383–392
Upton, N.K., see **Aitchison, J.M.** **67** (1) (1996) 1– 14

Valdés, J., see **Meddahi, S.** **69** (1) (1996) 113–124
Valent, G., Exact solutions of some quadratic and quartic birth and death processes and related orthogonal polynomials **67** (1) (1996) 103–127
Valent, G. and **W. Van Assche**, The impact of Stieltjes' work on continued fractions and orthogonal polynomials: additional material **65** (1995) 419–447
Van Barel, M. and **Z. Vavřín**, Inversion of a block Löwner matrix **69** (2) (1996) 261–284
Van Assche, W., see **Valent, G.** **65** (1995) 419–447
Van Assche, W., see **Sinap, A.** **66** (1996) 27– 52
Van Dooren, R., see **Janssen, H.** **66** (1996) 293–313
Van Doorn, E.A., see **Kijima, M.** **65** (1995) 195–206
Van Breedam, A., see **Janssens, G.K.** **64** (1–2) (1995) 163–176
Van Barel, M., see **De Samblanx, G.** **66** (1996) 153–166
Van Dooren, R. and **H. Janssen**, A continuation algorithm for discovering new chaotic motions in forced Duffing systems **66** (1996) 527–541
Van Groesen, E., see **Van de Fliert, B.W.** **62** (1) (1995) 1– 25
Van de Fliert, B.W., E. Van Groesen, R. De Roo and **R.W. De Vries**, Numerical algorithm for the calculation of nonsymmetric dipolar and rotating monopolar vortex structures **62** (1) (1995) 1– 25
Van der Ploeg, A., E.F.F. Botta and **F.W. Wubs**, Nested grids ILU-decomposition (NGILU) **66** (1996) 515–526
Van der Houwen, P.J., B.P. Sommeijer and **J.J.B. de Swart**, Parallel predictor–corrector methods **66** (1996) 53– 71
Vaněk, P., see **Křížková, J.** **63** (1995) 215–220
Vanmaele, M., see **Ženíšek, A.** **63** (1995) 109–122
Vavřín, Z., see **Van Barel, M.** **69** (2) (1996) 261–284
Veling, E.J.M., see **Chaudhry, M.A.** **67** (2) (1996) 371–379
Vinet, L., see **Floreanini, R.** **68** (1996) 57– 68
Vinod, H.D., see **Shenton, L.R.** **61** (2) (1995) 231–243
Voit, M., Limit theorems for random walks on the double coset spaces $U(n)U(n-1)$ for $n \to \infty$ **65** (1995) 449–459
Vozovoi, L., M. Israeli and **A. Averbuch**, Multidomain local Fourier method for PDEs in complex geometries **66** (1996) 543–555
Vrahatis, M.N., see **Grapsa, T.N.** **66** (1996) 239–253

Vrba, P., Modelling of particle beams **63** (1995) 457–463
Vuik, C., New insights in GMRES-like methods with variable preconditioners **61** (2) (1995) 189–204

Wahlbin, L.B., see **McLean, W.** **69** (1) (1996) 49– 69
Wallin, H., see **Ambroladze, A.** **62** (3) (1995) 353–358
Warby, M.K., see **Janovský, V.** **63** (1995) 91–107
Watson, L.T., see **Ge, Y.** **69** (2) (1996) 215–241
Weng, Z.-L., see **Chien, C.-S.** **62** (2) (1995) 197–216
Wern, H., Finite-element solutions for mechanical drilling methods: A new integral formalism **63** (1995) 365–372
Whiteman, J.R., see **Janovský, V.** **63** (1995) 91–107
Whitla, J.R., see **Embrechts, P.** **64** (1–2) (1995) 41– 56
Witt, A., see **Shampine, L.F.** **62** (3) (1995) 333–351
Witwit, M.R.M., Energy levels of a nonpolynomial oscillator using finite difference technique **69** (2) (1996) 331–343
Witwit, M.R.M., Some inner product techniques for computing eigenvalues for three-dimensional anharmonic oscillators with quartic and sextic perturbations **62** (3) (1995) 285–299
Witwit, M.R.M., Energy levels for a double-well potential in three-dimensional system using Hill determinant approach **67** (1) (1996) 129–140
Wolf, H., see **Böttcher, A.** **66** (1996) 89– 96
Woodcock, C.F., see **Graves-Morris, P.R.** **66** (1996) 255–265
Wu, S.-Y., see **Lin, C.-J.** **61** (1) (1995) 87–103
Wubs, F.W., see **van der Ploeg, A.** **66** (1996) 515–526
Wuytack, L., see **Goovaerts, M.** **64** (1–2) (1995) 1

Xiang Jiaxiang and **I.T. Cameron,** Numerical solution of DAE systems using block BDF methods **62** (3) (1995) 255–266

Yamagishi, Y., Global convergence of the Durand–Kerner method applied to the equation $z^3 = 0$ **70** (1) (1996) 67– 73
Yan, N., see **Brunner, H.** **67** (1) (1996) 185–189
Yang, E.K., see **Lin, C.-J.** **61** (1) (1995) 87–103
Yang, S.-N. and **W.-C. Du,** Numerical methods for approximating digitized curves by piecewise circular arcs **66** (1996) 557–569
Ye, X. and **G. Anderson,** The derivation of minimal support basis functions for the discrete divergence operator **61** (1) (1995) 105–116
Yuan, J.Y., Numerical methods for generalized least squares problems **66** (1996) 571–584

Zarzo, A., see **Ronveaux, A.** **62** (1) (1995) 67– 73
Zeilberger, D., see **Foata, D.** **68** (1996) 79–101

Zellner, A., Bayesian and non-Bayesian approaches to statistical inference and decision-making **64** (1–2) (1995) 3–10
Ženíšek, A. and **M. Vanmaele**, Applicability of the Bramble–Hilbert lemma in interpolation problems of narrow quadrilateral isoparametric finite elements **63** (1995) 109–122
Zhan, Y., A bivariate C^3 interpolation scheme **61** (2) (1995) 179–188
Zhang, S., see **Monk, P.** **62** (3) (1995) 301–320
Zhang, R., see **Ismail, M.E.H.** **68** (1996) 163–196
Zhidkov, E.P., see **Lobanov, Yu.Yu.** **70** (1) (1996) 145–160
Zhou, J., see **Han, W.** **62** (1) (1995) 75–88
Žmindák, M., see **Kompiš, V.** **63** (1995) 265–269